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(71) Applicant (for all designated States except US): **SPA -  
SOCIEDADE PRODUTORA ALIMENTÍCIA LTDA.**  
[BR/BR]; Rua do Campinho, 99 Aribiri, 29120-440 Vila  
Velha, ES (BR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **ABAURRE, Flavio,  
da Cruz** [BR/BR]; Avenida Saturnino de Brito, 735B, Ap.,  
1101 Praia do Canto, 20055-180 Vitória, ES (BR).

(74) Agent: **MOMSEN, LEONARDOS & CIA.**; Rua Teófilo  
Ottoni, 63 - 10th floor, 20090-080 Rio de Janeiro, RJ (BR).

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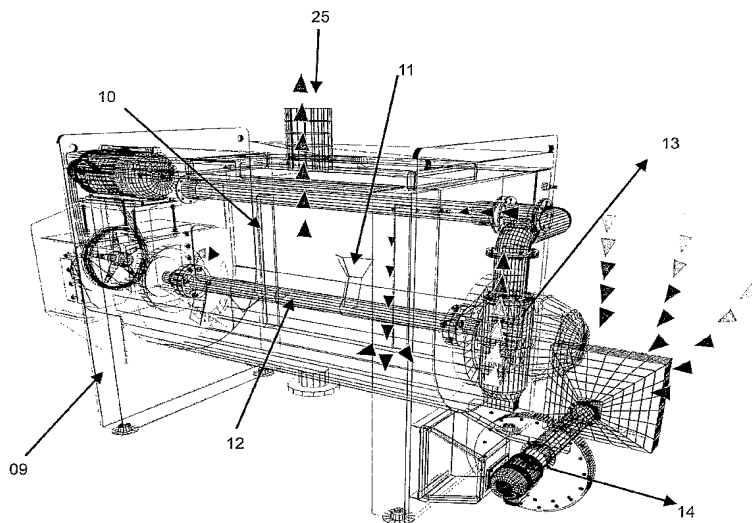
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(54) Title: PROCESS FOR MANUFACTURING CHOCOLATE MASS, MACHINE AND COMPACT INSTALLATION FOR  
THE CHOCOLATE MASS PROCESSING



(57) Abstract: The invention is related to a process for chocolate mass manufacturing, that comprises the following steps: a) dry pre-grinding of raw material; b) product conching in "U" type conch 9 for intensive chocolate processing, c) liquefaction and cooling of chocolate mass; d) final grinding of chocolate mass. The invention is still related to the chocolate mass processing machine, which is comprised by a structure made up of a "U" type shape conch 9, an agitator axis 12, in which a fixed arm 10 and agitator arms 11 are articulated, to increase the exposition cycle of dry chocolate mass to pre-heated air coming from the forced ventilation performed through the high pressure fan 14, activated by an electric motor with a heating electric resistance 13 to a compact installation for the processing of the chocolate mass with the above mentioned machine.

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